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STAAS & HALSEY LLP		
SUITE 700		
1201 NEW YORK AVENUE, N.W.		
WASHINGTON, DC 20005		

EXAMINER	
SURYAWANSHI, SURESH	

ART UNIT	PAPER NUMBER
2115	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/823,704

Applicant(s)

YOO, CHANG-WOONG

Examiner

Suresh K. Suryawanshi

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 5/4/07 reconsideration.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 and 11-13 is/are rejected.
- 7) ☒ Claim(s) 10,14 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1-14 are presented for examination.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-9, and 11-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Chaiken et al (US Patent 6,223,283; hereinafter Chaiken).

4. As per claim 1, Chaiken discloses a control method of a computer system including a main body and a monitor displaying a video signal from the main body, the control method of the computer system comprising:

storing a display information of the video signal displayed on the monitor, wherein the display information is based on Extended Display Identification data (EDID) supplied from the monitor in the main body [Fig. 3; col. 1, lines 48-59; col. 4, lines 34-45; display information is downloaded in the main body];

determining whether the display information of the input video signal transmitted from the main body to the monitor is suitable for the EDID of the monitor [Fig. 3; col. 4, lines 34-45, 55-67; col. 8, lines 6-10, 23-35; determining and selecting a compatible format for displaying on the monitor from the main body];

displaying the input video signal if determined that the display information of the input video signal is suitable for the EDID and supplying an error signal to the main body if determined that the display information of the input video signal is not suitable for the EDID [Fig. 3; col. 4, lines 34-67; col. 8, lines 6-49; of course displaying the input video signal without any modification if the connected monitor is compatible otherwise informing the main body that there is no match]; and

processing the input video signal according to the display information stored in the main body and supplying the processed video signal to the monitor if the error signal is supplied to the computer main body [Fig. 3; col. 4, lines 34-67; col. 8, lines 6-49; if no match is found in the decision block 42, the processing unit reads features or functionality provided by the monitor and process the input video accordingly].

5. As per claim 4, Chaiken discloses a control method of a computer system including a computer main body and a monitor displaying a video signal from the computer main body, the control method of the computer system comprising:

determining whether a display information of the input video signal transmitted from the computer main body to the monitor is suitable for Extended Display Identification Data (EDID) of the monitor [Fig. 3; col. 4, lines 34-45, 55-67; col. 8, lines 6-10, 23-35; determining and selecting a compatible format for displaying on the monitor from the main body];

displaying the input video signal on the monitor if the display information of the video signal is suitable for the EDID and supplying an error signal to the computer main body if the display information of the input video signal is not suitable for the EDID [Fig. 3; col. 4, lines 34-67; col. 8, lines 6-49; of course displaying the input video signal without any modification if the connected monitor is compatible otherwise informing the main body that there is no match];

calculating a display information set-up value lower than the display information if the error signal is supplied to the computer main body [Fig. 3; col. 4, lines 34-67; col. 8, lines 6-49; if no match is found in the decision block 42, a new display information is figured out that is lower than the display information if the monitor is supported by the computer main body]; and

processing the input video signal according to the set-up value and supplying the processed video signal to the monitor [Fig. 3; col. 4, lines 34-67; col. 8, lines 6-49; if no match is found in the decision block 42, features or functionality provided by the monitor are read and process the input video accordingly].

6. As per claim 7, Chaiken discloses a computer system including a computer main body and a monitor displaying a video signal from the computer main body, the computer system comprising:

an Extended Display Identification Data (EDID) storing part provided in the monitor to store EDID of the monitor [col. 4, lines 34-45];

a display information storing part provided in the computer main body to store a display information of the video signal displayed on the monitor, the display information being based on the EDID [col. 4, lines 34-45; col. 8, lines 6-10];

a display control part determining whether the display information of the input video signal transmitted from the computer main body to the monitor is suitable for the EDID of the monitor [Fig. 3; col. 4, lines 34-45, 55-67; col. 8, lines 6-10, 23-35; determining and selecting a compatible format for displaying on the monitor from the main body], displaying the input video signal if the display information of the input video signal is suitable for EDID and supplying an

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error signal to the computer main body if the display information of the input signal is not suitable for the EDID [Fig. 3; col. 4, lines 34-67; col. 8, lines 6-49; of course displaying the input video signal without any modification if the connected monitor is compatible otherwise informing the main body that there is no match]; and

a video control part storing the display information of the video signal displayed on the monitor in the display information storing part, wherein the display information is based on the EDID and processing the input video signal according to the display information stored in the display information storing part [Fig. 3; col. 4, lines 34-67; col. 8, lines 6-49; of course displaying the input video signal without any modification if the connected monitor is compatible otherwise informing the main body that there is no match] and to supply the processed video signal to the monitor if the error signal is supplied from the display control part [Fig. 3; col. 4, lines 34-67; col. 8, lines 6-49; if no match is found in the decision block 42, the processing unit reads features or functionality provided by the monitor and process the input video accordingly].

7. As per claim 11, Chaiken discloses a computer system comprising a computer main body and a monitor displaying a video signal from the computer main body, the computer system comprising:

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an EDID storing part provided in the monitor to store EDID of the monitor [col. 4, lines 34-45];

a display control part determining whether a display information of the input video signal transmitted from the computer main body to the monitor is suitable for the EDID of the monitor [Fig. 3; col. 4, lines 34-45, 55-67; col. 8, lines 6-10, 23-35; determining and selecting a compatible format for displaying on the monitor from the main body], displaying the input video signal if the display information of the input video signal is suitable for the EDID, and supplying an error signal to the computer main body, if the display information of the input video signal is not suitable for the EDID [Fig. 3; col. 4, lines 34-67; col. 8, lines 6-49; of course displaying the input video signal without any modification if the connected monitor is compatible otherwise informing the main body that there is no match]; and

a video control part calculating a display set-up value lower than the display information transmitted, if the error signal is supplied from the display control part [Fig. 3; col. 4, lines 34-67; col. 8, lines 6-49; if no match is found in the decision block 42, a new display information is figured out that is lower than the display information if the monitor is supported by the computer main body], processing the input video signal according to the set-up value and supplying the processed video signal to the monitor [Fig. 3; col. 4, lines 34-67; col. 8, lines 6-49; if no match is found in the decision block 42, features or functionality provided by the monitor are read and process the input video accordingly].

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8. As per claims 2, 5, 8 and 12, Chaiken discloses that a part of the error signal is the same as EDID data [Fig. 2 and 3; read manufacture ID from block 20 and then match].

9. As per claims 3, 6, 9 and 13, Chaiken discloses supplying the EDID to the main body if determined that the display information of the input video signal is suitable for the EDID [Fig. 3; col. 1, lines 48-59; col. 4, lines 34-45; display information is downloaded in the main body].

Allowable Subject Matter

10. Claims 10 and 14 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

11. Applicant's arguments with respect to claims 1-14 have been considered but are moot in view of the new ground(s) of rejection.

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Suresh K. Suryawanshi whose telephone number is 571-272-3668. The examiner can normally be reached on 9:00am - 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas C. Lee can be reached on 571-272-3667. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Suresh K Suryawanshi